

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application. Please cancel claims 9-23, 26, and 32.

1-7. (Cancelled).

8. (Previously presented) A compound, chosen from

6-(2-butylamino-pyrimidin-4-yl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid (3-pyridin-3-yl-propyl)-amide,

6-(4-hydroxy-3-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid (3-pyridin-3-yl-propyl)-amide,

6-(4-hydroxy-3,5-dimethyl-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid (3-pyridin-3-yl-propyl)-amide,

6-(4-hydroxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid (3-pyridin-3-yl-propyl)-amide,

6-(2-ethylamino-pyrimidin-4-yl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

6-(3-chloro-4-hydroxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

6-(4-hydroxy-3,5-dimethyl-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

4-([6-(4-hydroxy-3,5-dimethyl-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carbonyl]-amino)-methyl)-benzoic acid,

4-([6-(4-hydroxy-3-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carbonyl]-amino)-methyl)-benzoic acid,

6-(2-butylamino-pyrimidin-4-yl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid (pyridin-3-yl-methyl)-amide,

6-(3-fluoro-4-hydroxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

6-(4-hydroxy-3-methyl-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

6-[2-(2-morpholin-4-yl-ethylamino)-pyrimidin-4-yl]-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

6-(4-hydroxy-3-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

6-(2-methylamino-pyrimidin-4-yl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

R-3-oxo-6-[2-(1-phenyl-ethylamino)-pyrimidin-4-yl]-2,3-dihydro-pyridazine-4-carboxylic acid (3-phenyl-propyl)-amide,

6-(4-hydroxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide,

3-oxo-6-pyridin-4-yl-N-[4-(trifluoromethyl)benzyl]-2,3-dihydropyridazine-4-carboxamide,

3-oxo-6-pyridin-4-yl-2,3-dihydro-pyridazine-4-carboxylic acid 4-bromo-benzylamide,

3-oxo-6-pyridin-4-yl-N-(pyridin-3-ylmethyl)-2,3-dihydropyridazine-4-carboxamide,

N-(2,4-dichlorobenzyl)-3-oxo-6-pyridin-4-yl-2,3-dihydropyridazine-4-carboxamide,  
3-oxo-6-pyridin-4-yl-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-2-fluoro-  
benzylamide, and

N-(4-chlorobenzyl)-3-oxo-6-pyridin-4-yl-2,3-dihydropyridazine-4-carboxamide;  
the racemates, enantiomers, diastereoisomers and mixtures thereof, and the  
tautomers or the physiologically acceptable salts thereof.

9-23. (Cancelled).

24. (Previously presented) A method for treating a patient suffering from a  
disease chosen from cranial and spinal traumas and peripheral neuropathies, obesity,  
type II diabetes, essential hypertension, atherosclerotic cardiovascular diseases, and  
polycystic ovary syndrome, which method comprises administering a physiologically  
active amount of a compound according to claim 8.

25-30. (Cancelled).

31. (Previously Presented) The method according to claim 24, wherein the  
disease is type-II-diabetes.

32. (Cancelled).

33. (Previously Presented) A method for treating a patient suffering from a disease chosen from cranial and spinal traumas and peripheral neuropathies, obesity, type II diabetes, essential hypertension, atherosclerotic cardiovascular diseases, and polycystic ovary syndrome, which method comprises administering a physiologically active amount of a compound chosen from the following compounds:

6-(4-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid (3-pyridin-3-yl-propyl)-amide;

6-(4-hydroxy-3-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide;

6-(4-hydroxy-3-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid (3-pyridin-3-yl-propyl)-amide;

6-(4-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide;

4-[5-(4-chloro-benzylcarbamoyl)-6-oxo-1,6-dihydro-pyridazin-3-yl]-3-methoxy-thiophene-2-carboxylic acid;

6-(5-carbamoyl-4-methoxy-thiophen-3-yl)-3-oxo-2,3-dihydro-pyridazine-4-carboxylic acid 4-chloro-benzylamide; and

4-({[6-(4-hydroxy-3-methoxy-phenyl)-3-oxo-2,3-dihydro-pyridazine-4-carbonyl]-amino}-methyl)-benzoic acid.